

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/089,700A  
Source: FW/6  
Date Processed by STIC: 1/27/06

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IFW16

## RAW SEQUENCE LISTING

DATE: 01/27/2006

PATENT APPLICATION: US/10/089,700A

TIME: 15:29:57

Input Set : A:\BTG0008-100(142769US01).SEQ3.txt

Output Set: N:\CRF4\01272006\J089700A.raw

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3 <110> APPLICANT: Anderson, Robert P.
4      Hill, Adrian V.S.
5      Jewell, Derek P.
7 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Epitope, and Transgenic Plant
9 <130> FILE REFERENCE: BTG0008-100 (142769US01)
11 <140> CURRENT APPLICATION NUMBER: 10/089,700A
12 <141> CURRENT FILING DATE: 2003-01-09
14 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03760
15 <151> PRIOR FILING DATE: 2000-10-02
17 <160> NUMBER OF SEQ ID NOS: 78
19 <170> SOFTWARE: PatentIn version 3.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 7
23 <212> TYPE: PRT
24 <213> ORGANISM: Homo sapiens
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27 Pro Gln Pro Glu Leu Pro Tyr
28 1      5
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31 <211> LENGTH: 17
32 <212> TYPE: PRT
33 <213> ORGANISM: Homo sapiens
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37 1      5      10      15
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44 <212> TYPE: PRT
45 <213> ORGANISM: plant
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51 Gln Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro Gly
52      20      25      30
54 Gln Gln Gln Gln Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro
55      35      40      45
57 Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln Pro
58      50      55      60
60 Gln Leu Pro Tyr Pro Gln Pro Gln Ser Phe Pro Pro Gln Gln Pro Tyr
61 65      70      75      80
63 Pro Gln Pro Gln Pro Gln Tyr Ser Gln Pro Gln Gln Pro Ile Ser Gln
64      85      90      95

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66 Gln Gln Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
67           100           105           110
69 Gln Ile Leu Gln Gln Ile Leu Gln Gln Leu Ile Pro Cys Met Asp
70           115           120           125
72 Val Val Leu Gln Gln His Asn Ile Ala His Ala Arg Ser Gln Val Leu
73           130           135           140
75 Gln Gln Ser Thr Tyr Gln Leu Leu Gln Glu Leu Cys Cys Gln His Leu
76 145           150           155           160
78 Trp Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile His Asn Val Val
79           165           170           175
81 His Ala Ile Ile Leu His Gln Gln Gln Lys Gln Gln Gln Gln Pro Ser
82           180           185           190
84 Ser Gln Val Ser Phe Gln Gln Pro Leu Gln Gln Tyr Pro Leu Gly Gln
85           195           200           205
87 Gly Ser Phe Arg Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val
88           210           215           220
90 Gln Pro Gln Gln Leu Pro Gln Phe Glu Glu Ile Arg Asn Leu Ala Leu
91 225           230           235           240
93 Gln Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Ala Pro Tyr Cys Thr
94           245           250           255
96 Ile Ala Pro Phe Gly Ile Phe Gly Thr Asn
97           260           265
99 <210> SEQ ID NO: 4
100 <211> LENGTH: 5
101 <212> TYPE: PRT
102 <213> ORGANISM: Homo sapiens
104 <400> SEQUENCE: 4
105 Pro Gln Leu Pro Tyr
106 1           5
108 <210> SEQ ID NO: 5
109 <211> LENGTH: 5
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111 <213> ORGANISM: Homo sapiens
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114 Gln Pro Gln Leu Pro
115 1           5
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118 <211> LENGTH: 7
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124 1           5
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127 <211> LENGTH: 20
128 <212> TYPE: PRT
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133 1          5          10          15
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136          20
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145 1          5          10          15
147 Gln Ser Phe Pro
148          20
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152 <212> TYPE: PRT
153 <213> ORGANISM: Homo sapiens
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159 Ser
161 <210> SEQ ID NO: 10
162 <211> LENGTH: 17
163 <212> TYPE: PRT
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168 1          5          10          15
170 Ser
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174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
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179 1          5          10          15
181 Ser
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184 <211> LENGTH: 17
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapiens
188 <400> SEQUENCE: 12
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190 1          5          10          15
192 Ser
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 17
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 13

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200 Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Glu
201 1          5          10          15
203 Ser
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207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
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211 Glu Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Glu
212 1          5          10          15
214 Ser
216 <210> SEQ ID NO: 15
217 <211> LENGTH: 17
218 <212> TYPE: PRT
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 15
222 Gln Pro Gln Pro Phe Pro Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln
223 1          5          10          15
225 Pro
226 <210> SEQ ID NO: 16
227 <211> LENGTH: 17
228 <212> TYPE: PRT
229 <213> ORGANISM: Homo sapiens
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233 1          5          10          15
235 Pro
237 <210> SEQ ID NO: 17
238 <211> LENGTH: 17
239 <212> TYPE: PRT
240 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 17
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244 1          5          10          15
246 Pro
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250 <211> LENGTH: 17
251 <212> TYPE: PRT
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256 1          5          10          15
258 Pro
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262 <211> LENGTH: 17
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <400> SEQUENCE: 19
267 Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Leu Gln Pro Gln

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274 <212> TYPE: PRT
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279 1                5                10                15
281 Pro
283 <210> SEQ ID NO: 21
284 <211> LENGTH: 17
285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 21
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290 1                5                10                15
292 Pro
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296 <211> LENGTH: 17
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298 <213> ORGANISM: Homo sapiens
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302 1                5                10                15
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309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapiens
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314 1                5                10                15
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321 <212> TYPE: PRT
322 <213> ORGANISM: Homo sapiens
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334 <213> ORGANISM: Homo sapiens
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337 Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
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**VERIFICATION SUMMARY**

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